

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080826.D
 Acq On : 30 Jan 2024 19:58
 Operator : JC\MD
 Sample : P1265-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jan 31 02:14:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	85069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	205227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	213208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	78613	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	71741	48.748	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.500%
35) Dibromofluoromethane	8.165	113	55867	44.495	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.980%
50) Toluene-d8	10.571	98	227507	46.295	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.600%
62) 4-Bromofluorobenzene	12.847	95	85331	49.828	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.660%

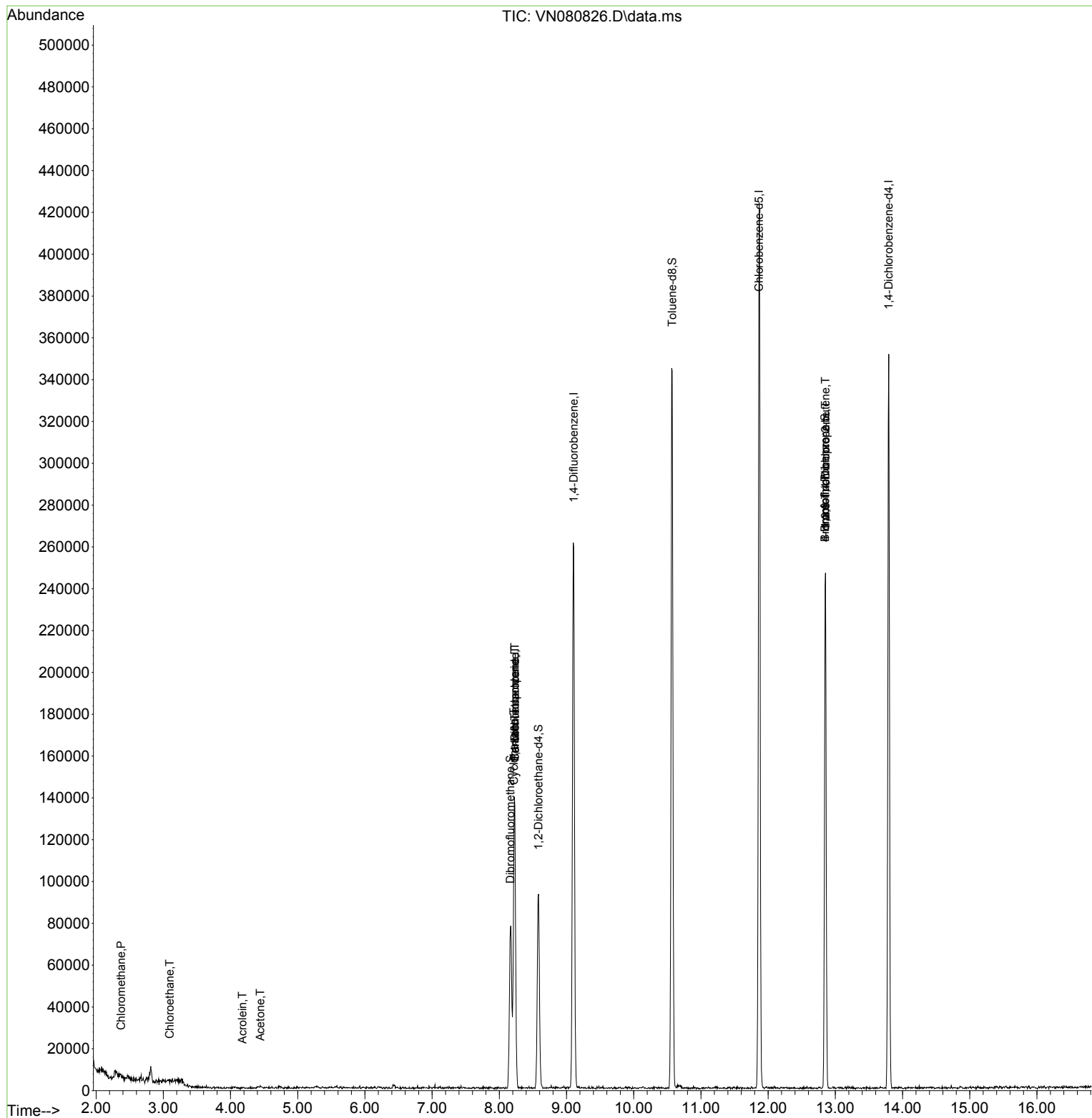
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.371	50	2043	1.076	ug/l #	82
6) Chloroethane	3.095	64	160	0.208	ug/l #	42
13) Acrolein	4.177	56	119	0.393	ug/l #	15
16) Acetone	4.442	43	1754	3.286	ug/l #	44
31) Cyclohexane	8.218	56	3441	1.364	ug/l #	12
36) 1,1-Dichloropropene	8.230	75	10110	4.332	ug/l #	52
38) Carbon Tetrachloride	8.230	117	10123	5.384	ug/l #	17
71) Bromoform	12.847	173	293	0.286	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	49706	20.964	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	49706	54.008	ug/l #	14

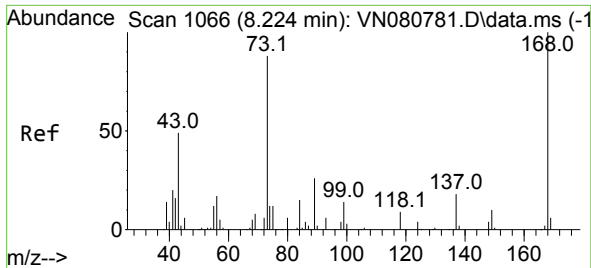
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
Data File : VN080826.D
Acq On : 30 Jan 2024 19:58
Operator : JC\MD
Sample : P1265-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Quant Time: Jan 31 02:14:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

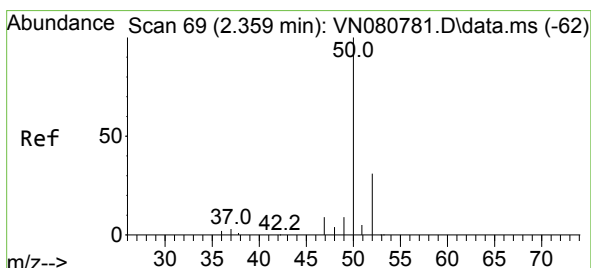
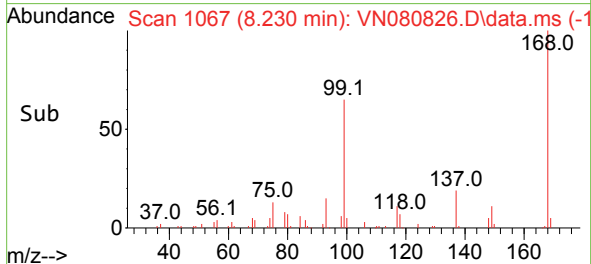
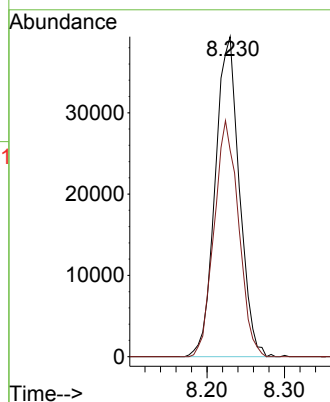
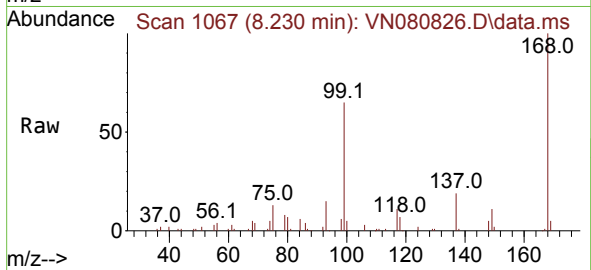




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

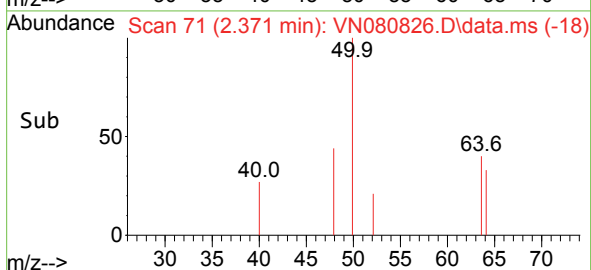
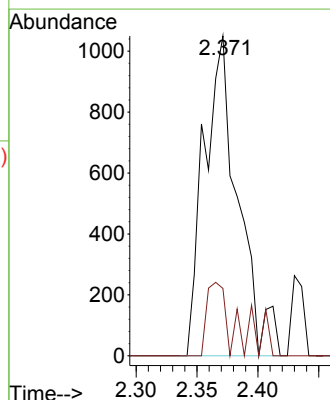
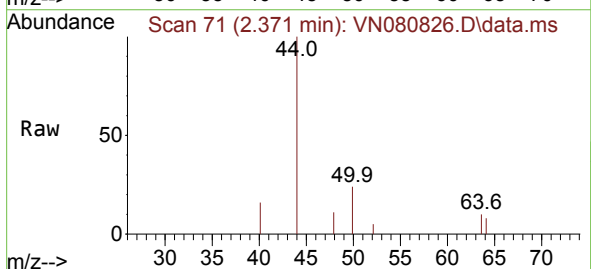
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

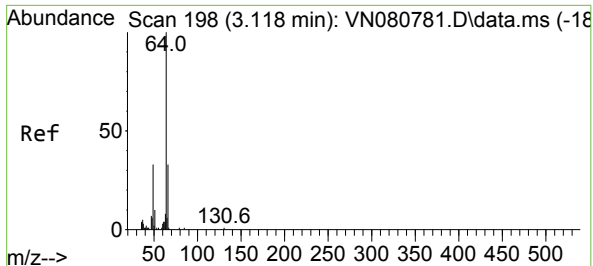
Tgt Ion:168 Resp: 85069
Ion Ratio Lower Upper
168 100
99 64.6 59.9 89.9



#3
Chloromethane
Concen: 1.076 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

Tgt Ion: 50 Resp: 2043
Ion Ratio Lower Upper
50 100
52 21.0 25.0 37.4#

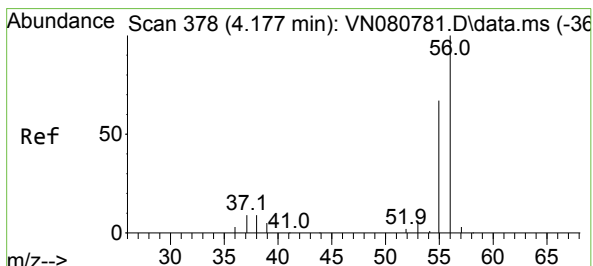
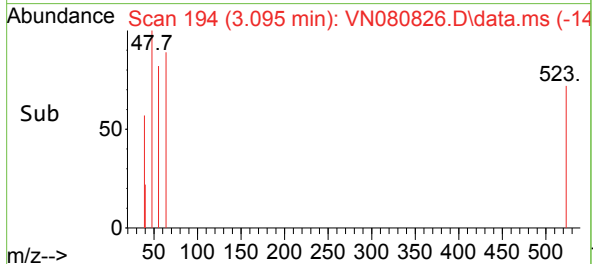
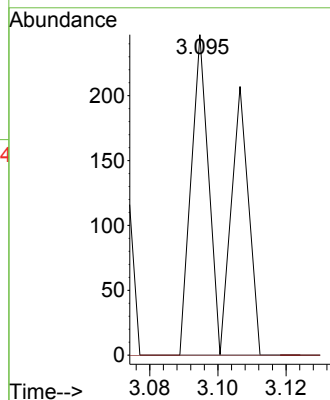
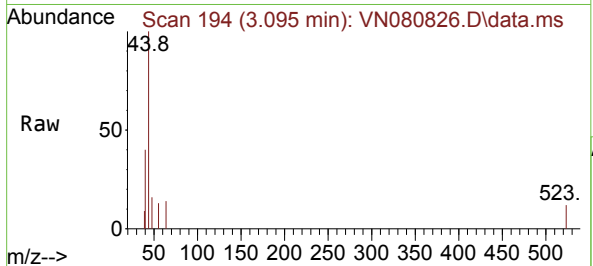




#6
Chloroethane
Concen: 0.208 ug/l
RT: 3.095 min Scan# 194
Delta R.T. -0.023 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

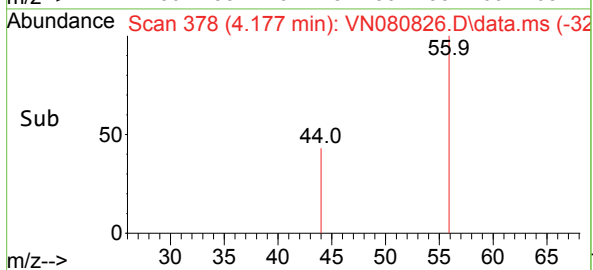
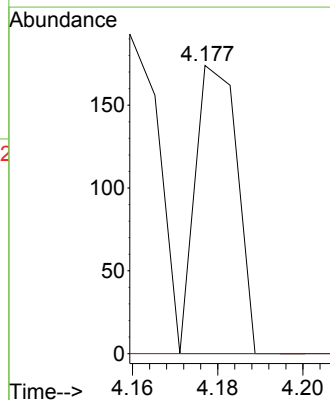
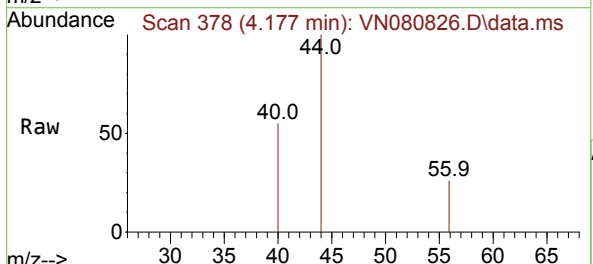
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

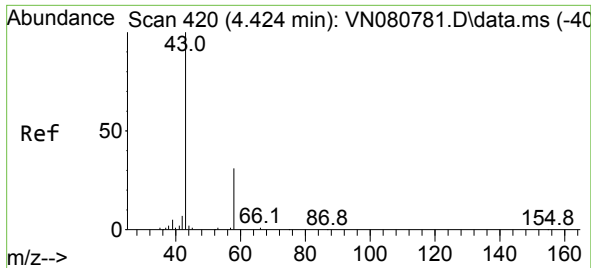
Tgt Ion: 64 Resp: 160
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 0.393 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

Tgt Ion: 56 Resp: 119
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#

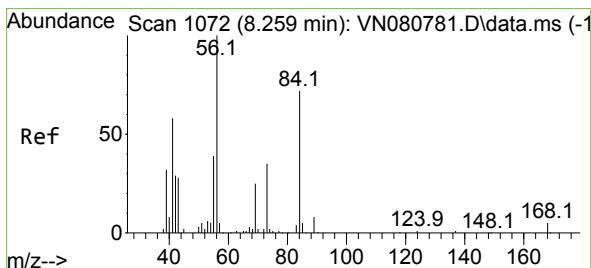
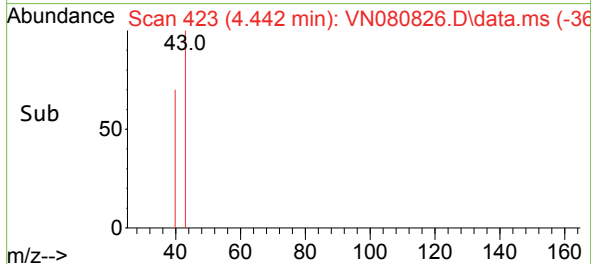
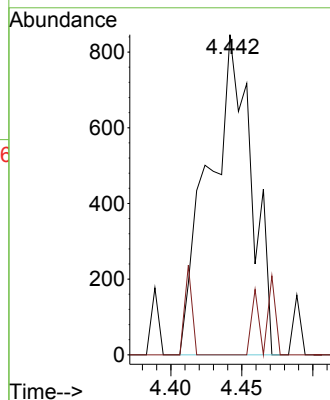
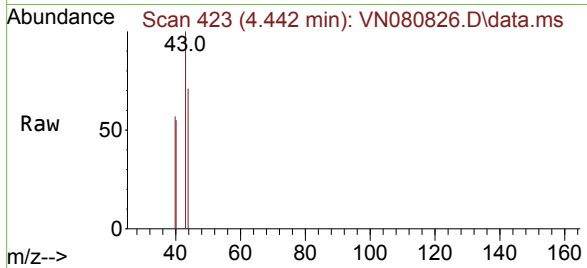




#16
Acetone
Concen: 3.286 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

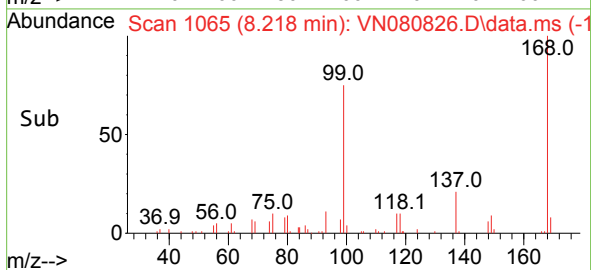
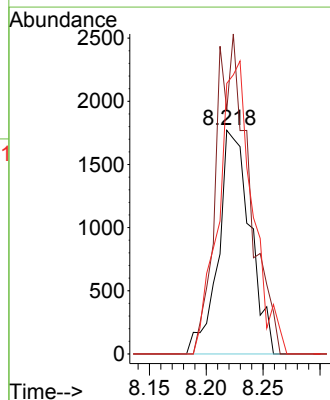
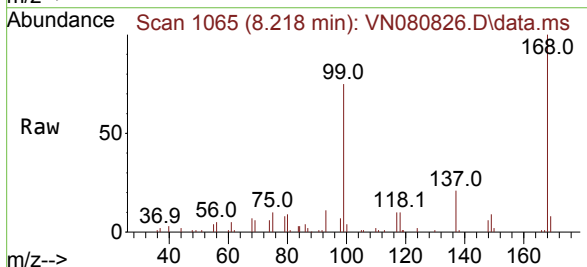
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

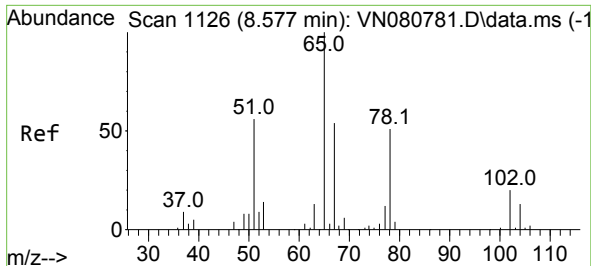
Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#31
Cyclohexane
Concen: 1.364 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

Tgt Ion: 56 Resp: 3441
Ion Ratio Lower Upper
56 100
69 109.2 20.1 30.1#
84 121.0 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 48.748 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080826.D

Acq: 30 Jan 2024 19:58

Instrument :

MSVOA_N

ClientSampleId :

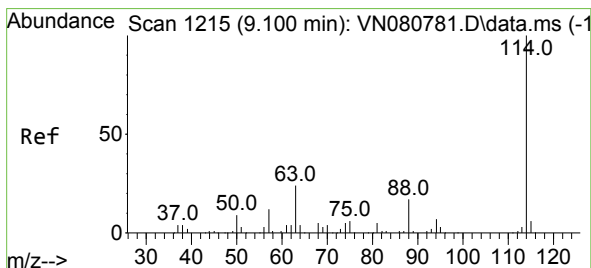
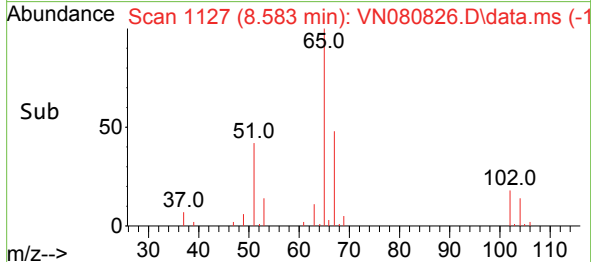
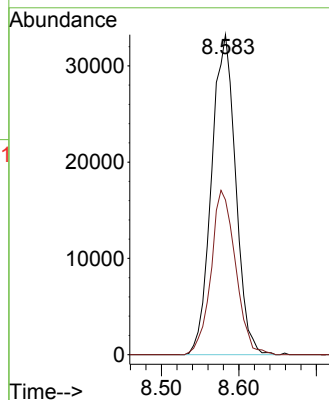
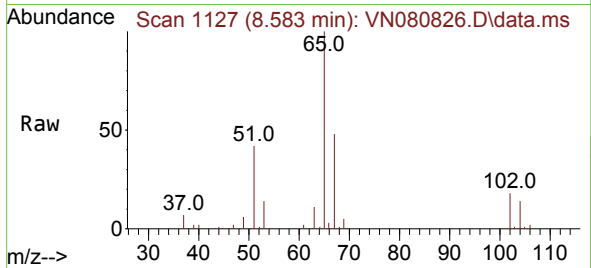
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 71741

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080826.D

Acq: 30 Jan 2024 19:58

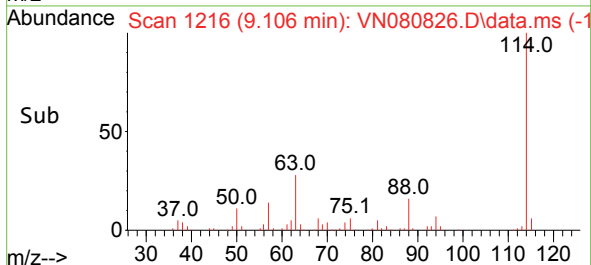
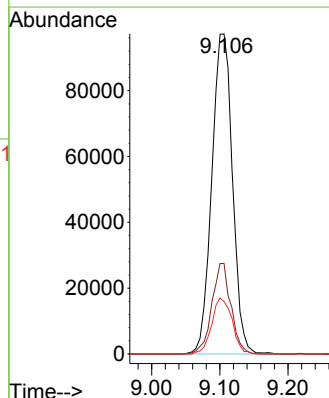
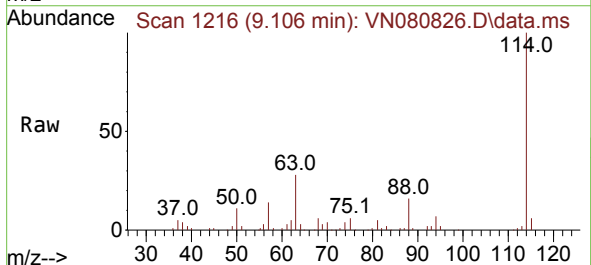
Tgt Ion: 114 Resp: 205227

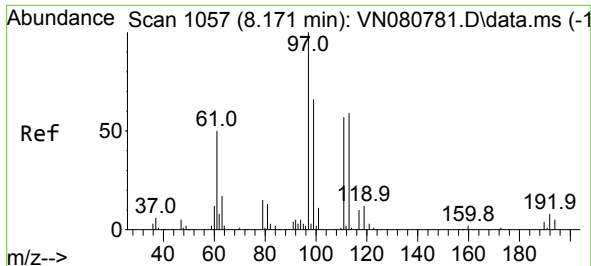
Ion Ratio Lower Upper

114 100

63 28.3 0.0 48.0

88 16.4 0.0 34.8

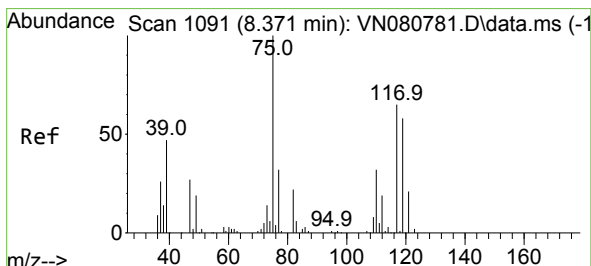
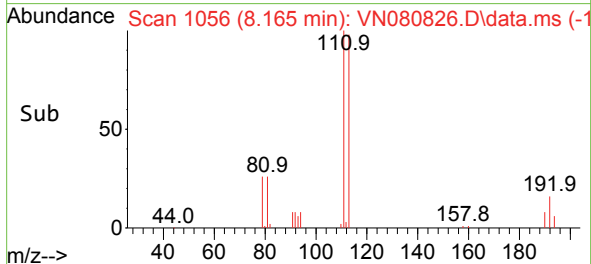
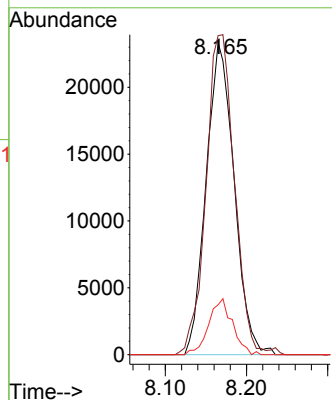
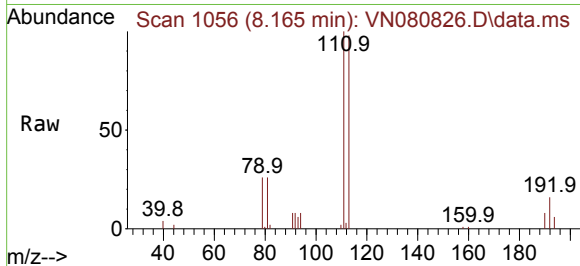




#35
Dibromofluoromethane
Concen: 44.495 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

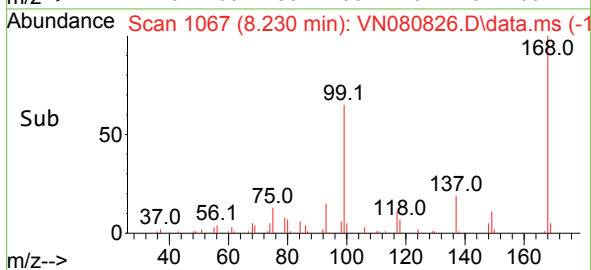
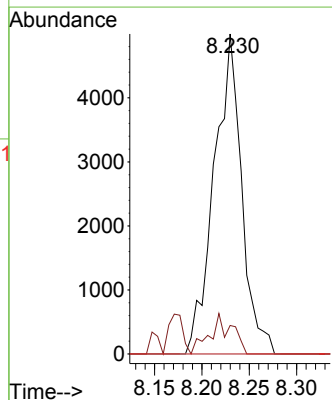
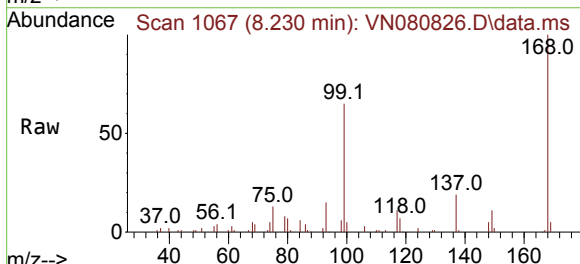
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

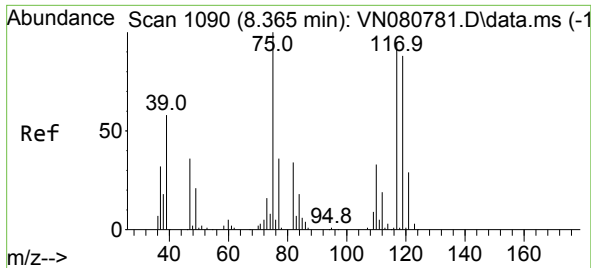
Tgt Ion:113 Resp: 55867
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 15.3 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.332 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

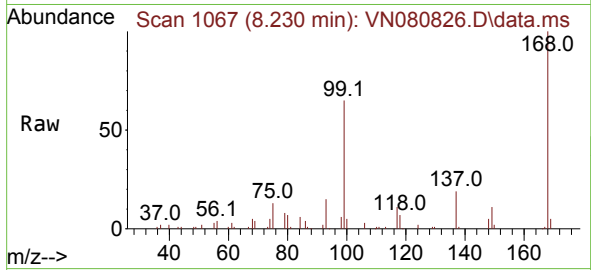
Tgt Ion: 75 Resp: 10110
Ion Ratio Lower Upper
75 100
110 10.2 16.0 48.0#
77 0.0 25.8 38.6#



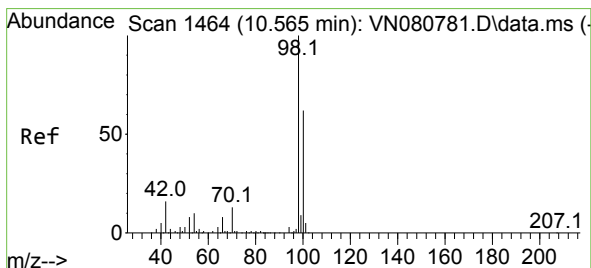
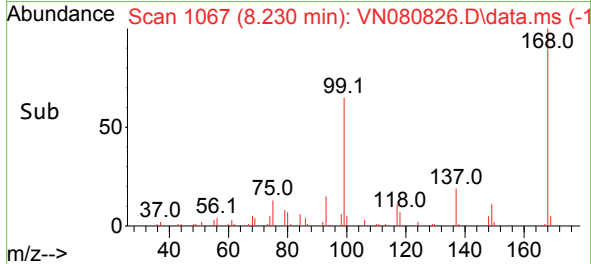
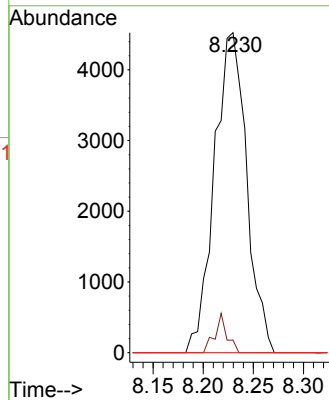


#38
Carbon Tetrachloride
Concen: 5.384 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

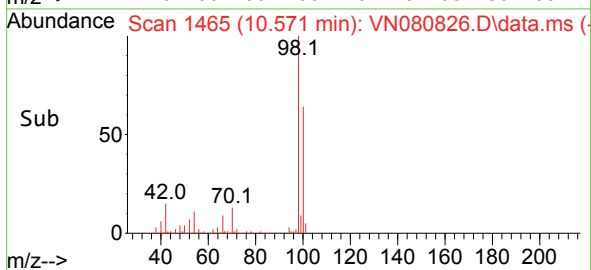
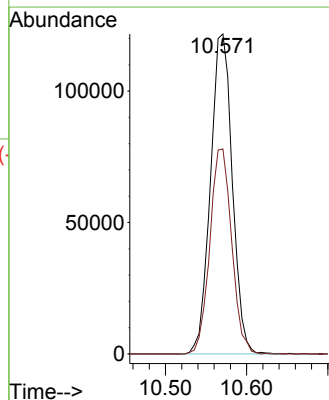
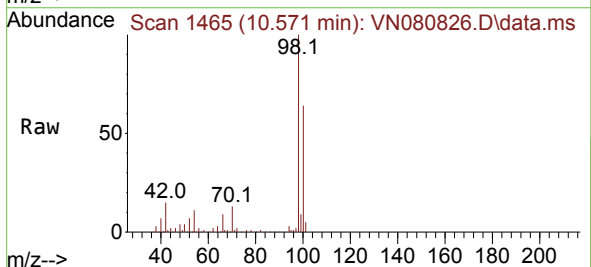


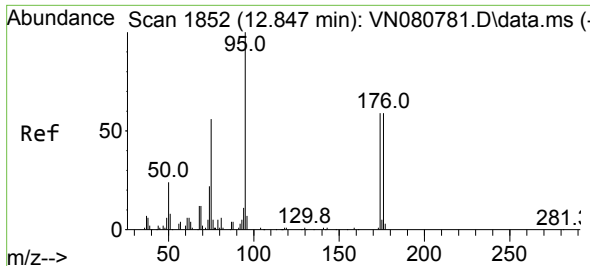
Tgt Ion:117 Resp: 10123
Ion Ratio Lower Upper
117 100
119 4.0 73.4 110.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.295 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

Tgt Ion: 98 Resp: 227507
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0

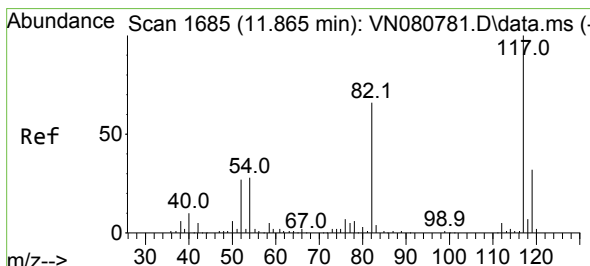
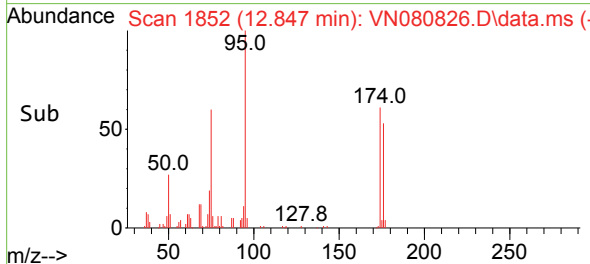
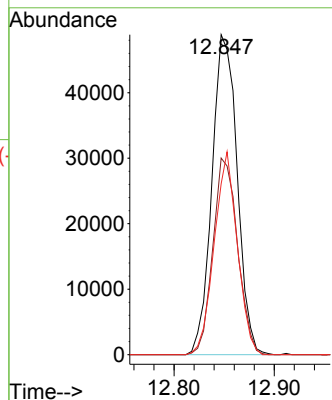
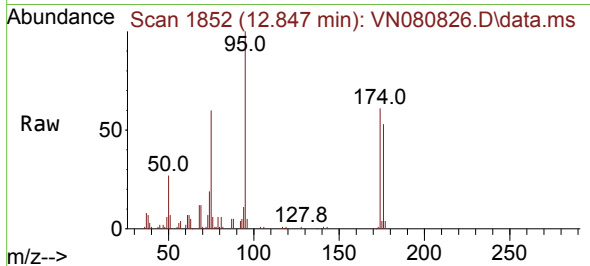




#62
4-Bromofluorobenzene
Concen: 49.828 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

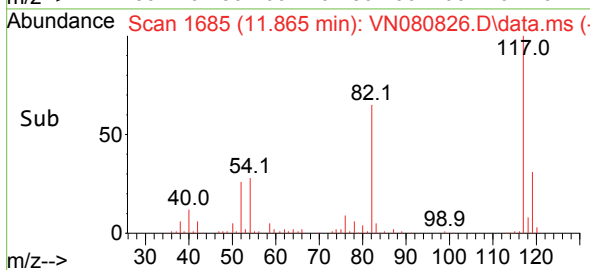
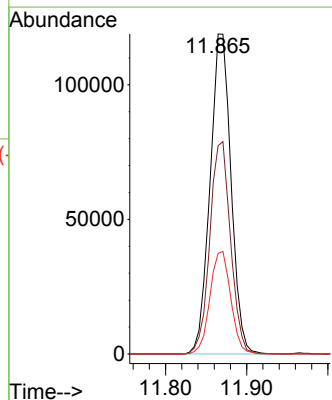
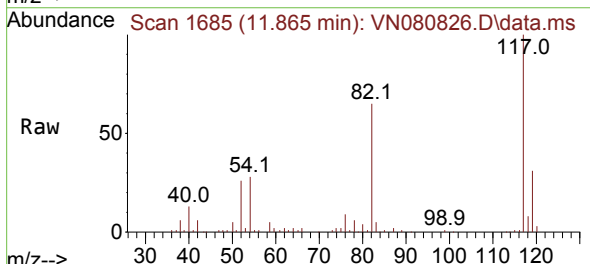
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

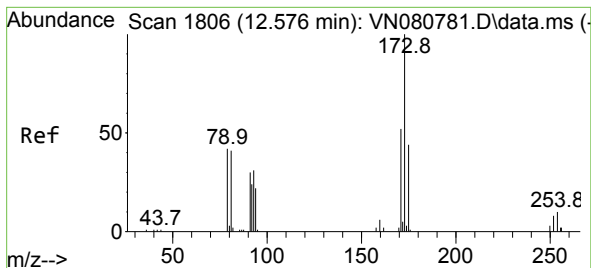
Tgt Ion: 95 Resp: 85331
Ion Ratio Lower Upper
95 100
174 60.2 0.0 120.4
176 57.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080826.D
Acq: 30 Jan 2024 19:58

Tgt Ion: 117 Resp: 213208
Ion Ratio Lower Upper
117 100
82 65.1 52.7 79.1
119 31.5 25.3 37.9





#71

Bromoform

Concen: 0.286 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN080826.D

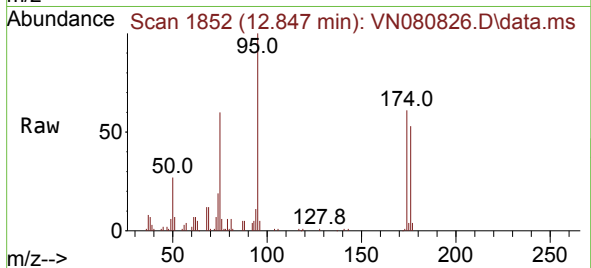
Acq: 30 Jan 2024 19:58

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



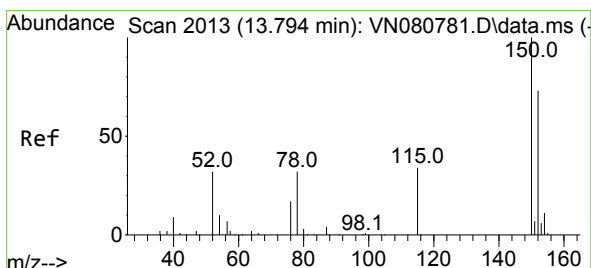
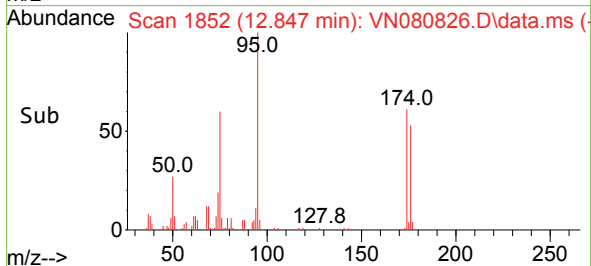
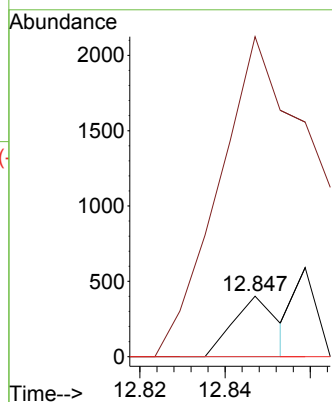
Tgt Ion:173 Resp: 293

Ion Ratio Lower Upper

173 100

175 758.7 23.1 69.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080826.D

Acq: 30 Jan 2024 19:58

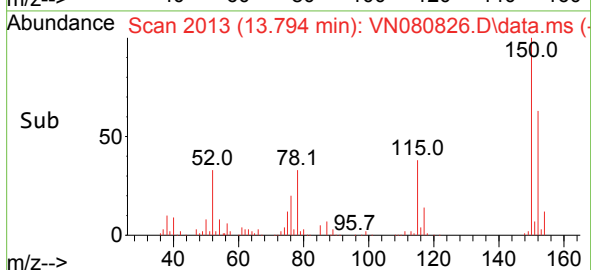
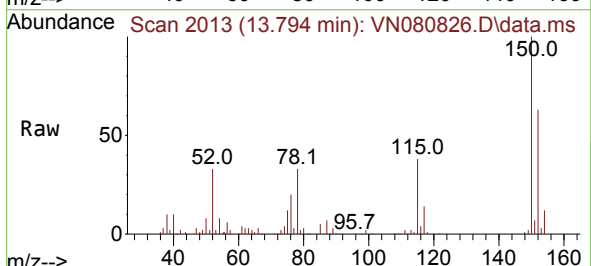
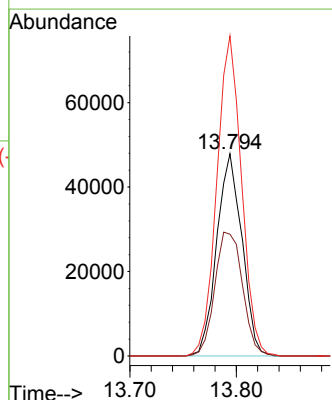
Tgt Ion:152 Resp: 78613

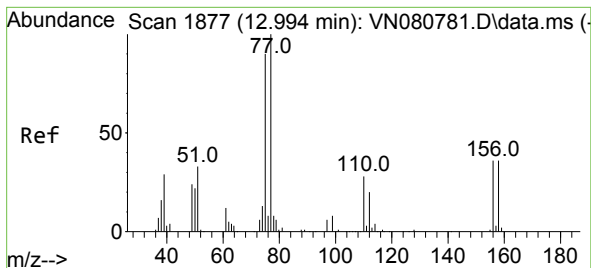
Ion Ratio Lower Upper

152 100

115 67.3 32.3 96.8

150 155.0 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 20.964 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080826.D

Acq: 30 Jan 2024 19:58

Instrument :

MSVOA_N

ClientSampleId :

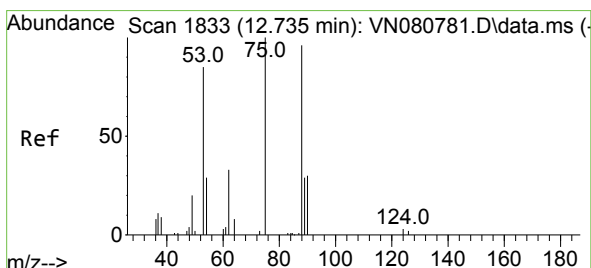
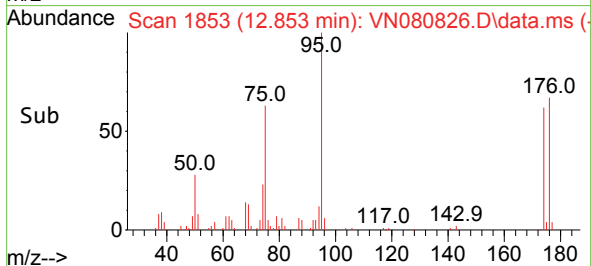
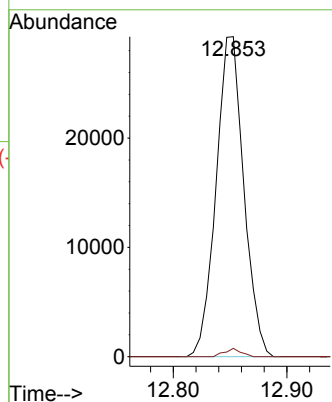
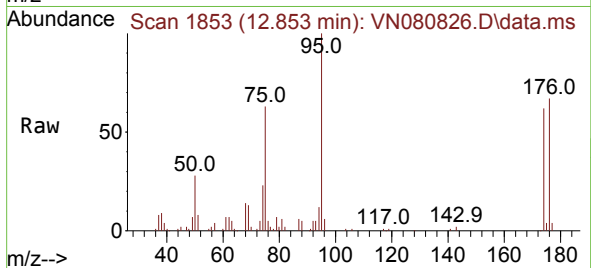
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 49706

Ion Ratio Lower Upper

75 100

77 1.6 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.008 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN080826.D

Acq: 30 Jan 2024 19:58

Tgt Ion: 75 Resp: 49706

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 33.4 50.0#

